

Casino VR

March 25, 2020

Elvis

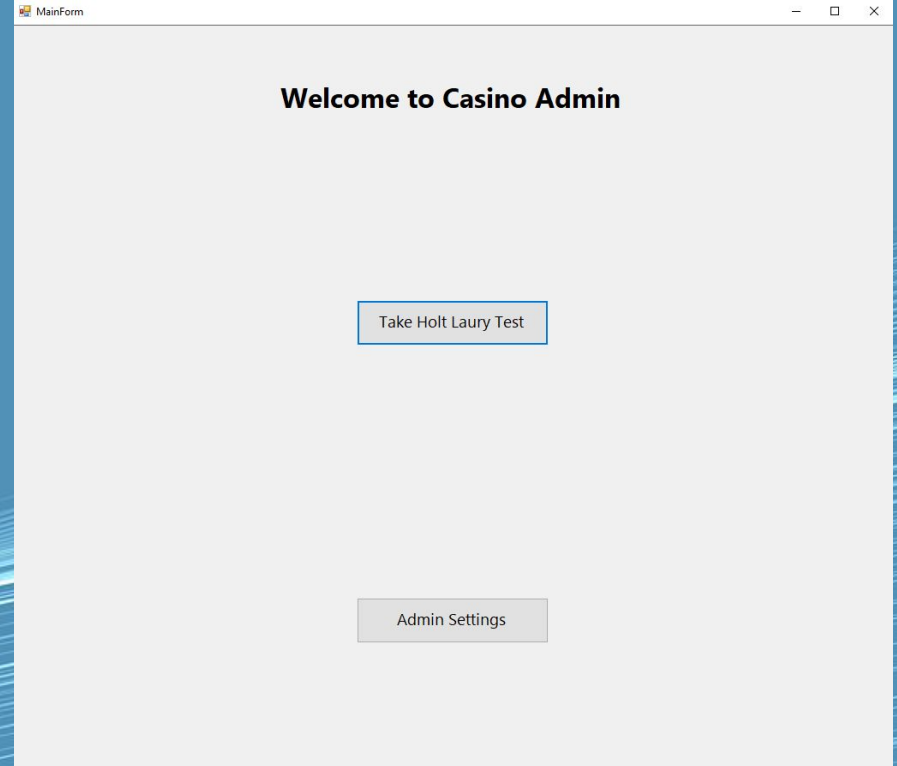
Tobi

Emaad

Aleem Haq

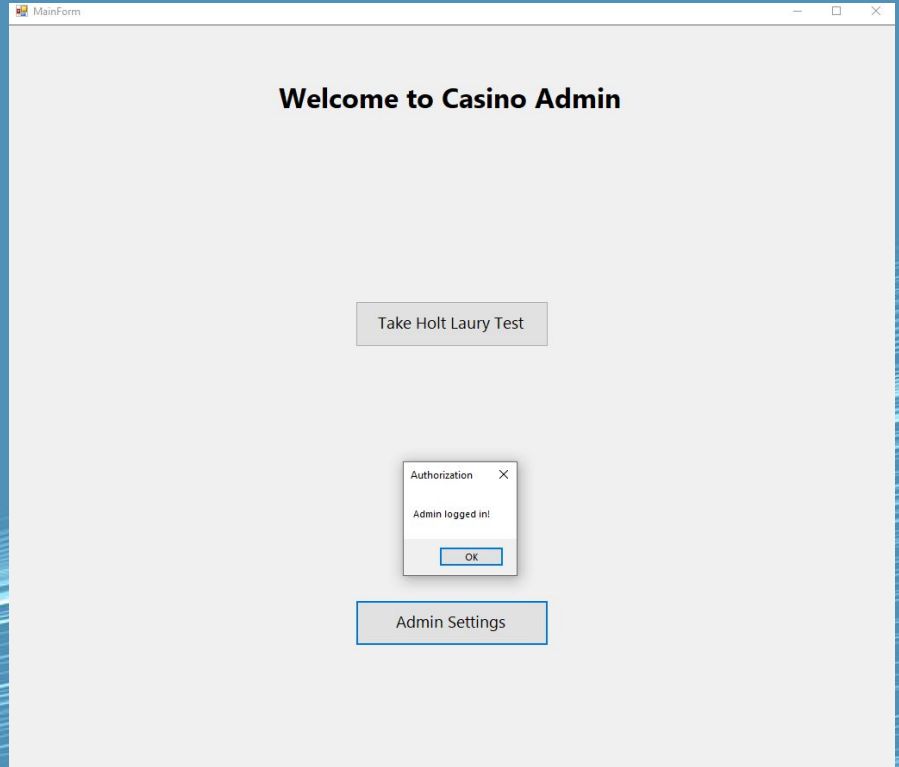
Casino Admin

- Separate application from the game
- Used by Admin to modify game settings(Json files)
- Used by player to perform “Ten Paired Lottery-Choice Decisions” task



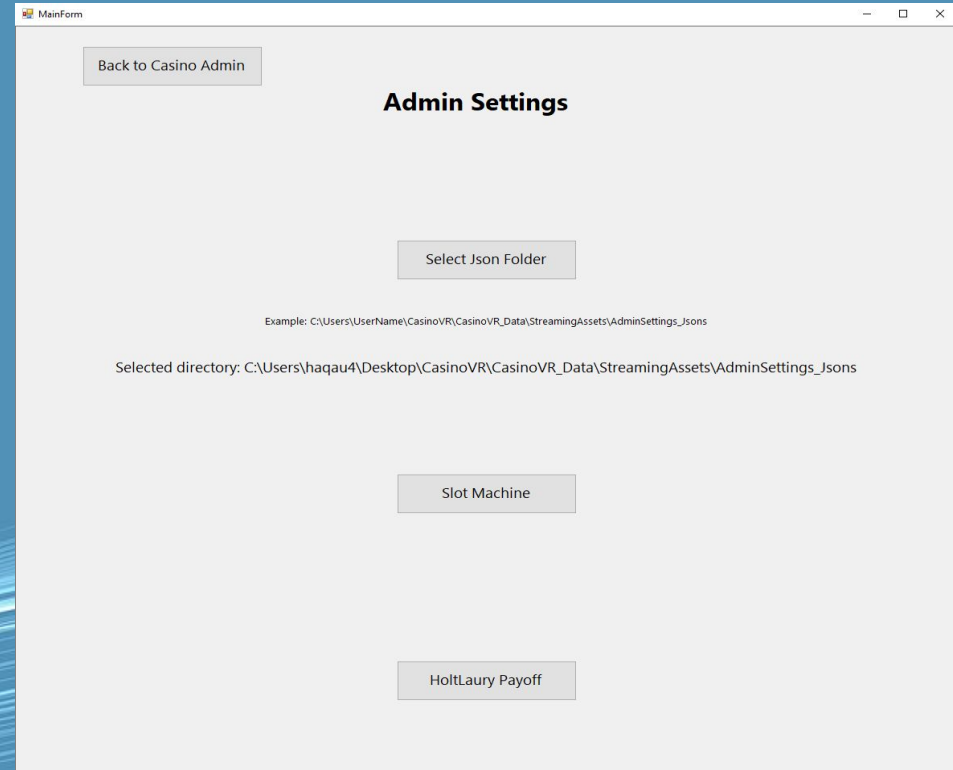
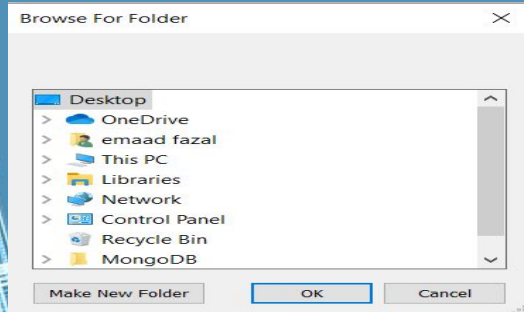
Admin Login

- Admin Settings are revealed once the Admin successfully logs in.
- The username and password can be updated later:
Username: admin
Password : test



Select Json Folder

- Admin must choose where the JSON file is stored
- Once the Select Json Folder button pressed, a modal opens(see image below) prompting admin to choose a destination path for storing data



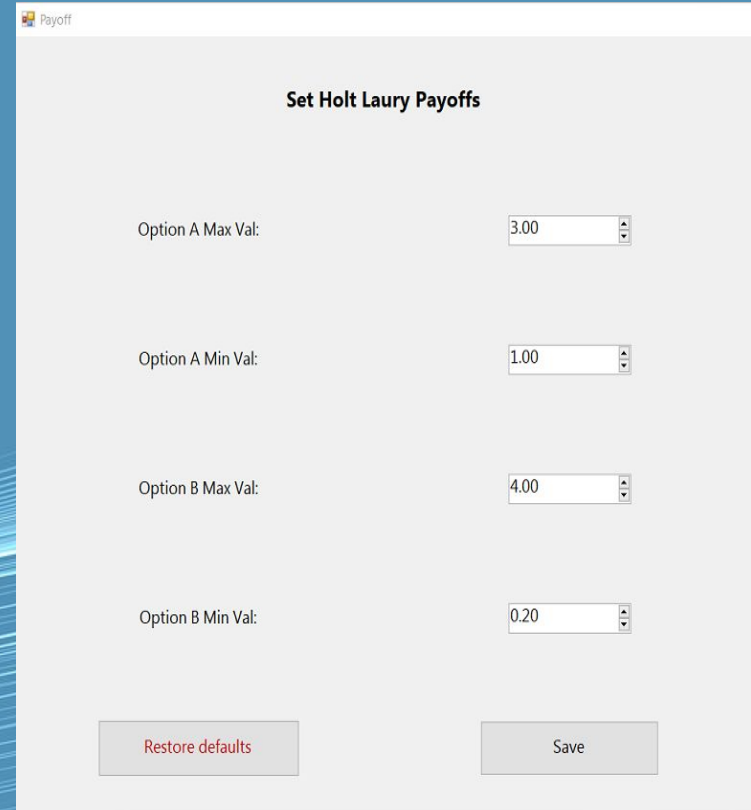
Slot Machine Settings

- Add Win, Loss, Near Miss scenarios
- Add time each reel Spins for. e.g:
ReelA stops after 3 Seconds
Reel stops after 4 Seconds and so on.
- Each slot machine is numbered and matches a unique slot machine in-game.

The screenshot shows a web application window titled "AdminForm". At the top, there is a dropdown menu currently set to "SlotMachine 2". To the right of this menu are two buttons: "Save All" and "Restore All Defaults". Below the menu, the title "SlotMachine 2" is displayed. On the left side of the main content area, there is a vertical stack of buttons: "Add Win", "Add NearMiss", "Add Loss", "Delete selected outcome", "Randomize", and "Clear List". To the right of these buttons is a large text area containing the following text:
W
W
L
NM
L
Below this text area, it says "Size of outcome list: 5". On the right side of the window, there are four spin time settings, each with a label and a numeric input field with up/down arrows:
ReelA Spin time(seconds): 3.0
ReelB Spin time(seconds): 4.0
ReelC Spin time(seconds): 5.0
ReelD Spin time(seconds): 6.0
At the bottom right, there are two buttons: "Save" and "Restore defaults".

Holt Laury- Setting Payoffs

- Set the values
- 4 values can be set:
 - Option A Max Val: Max value of option A
 - Option A Min Val: Min value of option A
 - Option B Max Val: Max value of option B
 - Option B Min Val: Min value of option B
- Restore defaults: resets the options to:
2.00,1.60,3.85,0.1 respectively



The screenshot shows a web application window titled "Payoff" with a sub-header "Set Holt Laury Payoffs". It contains four input fields with numerical values and two buttons at the bottom.

Label	Value
Option A Max Val:	3.00
Option A Min Val:	1.00
Option B Max Val:	4.00
Option B Min Val:	0.20

Buttons: "Restore defaults" (red text), "Save" (black text)

Holt Laury Choice Decision task

- User selects options from 10 rows
- Must select one option from each row

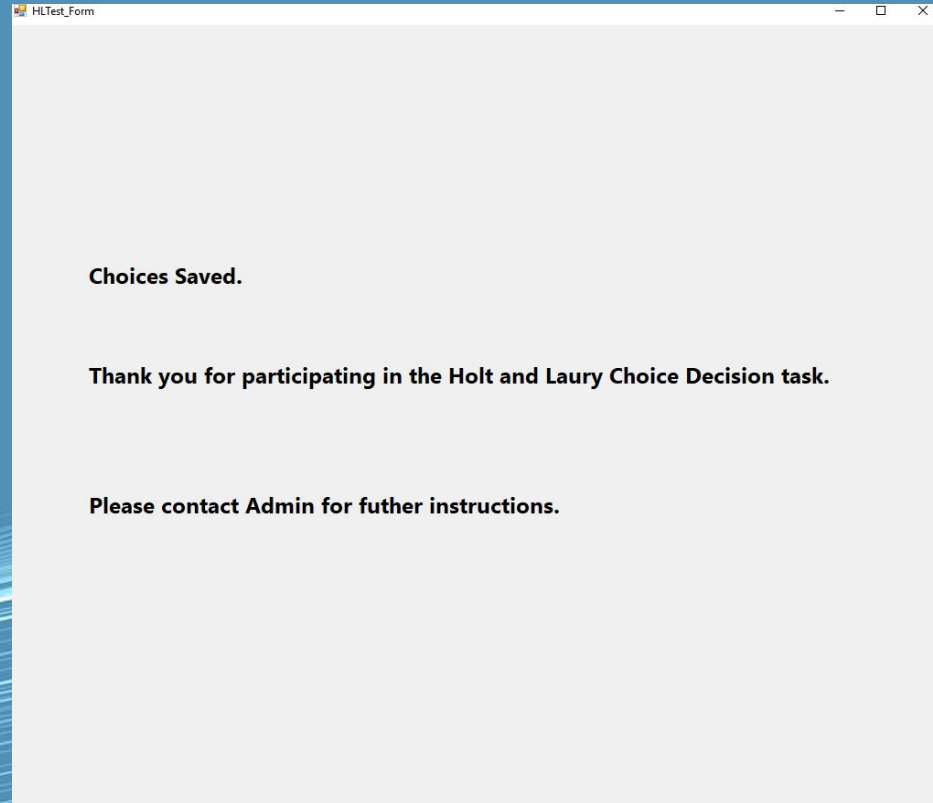
HLTest_Form

Please select one option from each row:

Option A	Option B
<input type="radio"/> 1/10 Chance Of \$2.0, 9/10 Chance of \$1.60	<input type="radio"/> 1/10 Chance Of \$3.85, 9/10 Chance of \$0.10
<input type="radio"/> 2/10 Chance Of \$2.0, 8/10 Chance of \$1.60	<input type="radio"/> 2/10 Chance Of \$3.85, 8/10 Chance of \$0.10
<input type="radio"/> 3/10 Chance Of \$2.0, 7/10 Chance of \$1.60	<input type="radio"/> 3/10 Chance Of \$3.85, 7/10 Chance of \$0.10
<input type="radio"/> 4/10 Chance Of \$2.0, 6/10 Chance of \$1.60	<input type="radio"/> 4/10 Chance Of \$3.85, 6/10 Chance of \$0.10
<input type="radio"/> 5/10 Chance Of \$2.0, 5/10 Chance of \$1.60	<input type="radio"/> 5/10 Chance Of \$3.85, 5/10 Chance of \$0.10
<input type="radio"/> 6/10 Chance Of \$2.0, 4/10 Chance of \$1.60	<input type="radio"/> 6/10 Chance Of \$3.85, 4/10 Chance of \$0.10
<input type="radio"/> 7/10 Chance Of \$2.0, 3/10 Chance of \$1.60	<input type="radio"/> 7/10 Chance Of \$3.85, 3/10 Chance of \$0.10
<input type="radio"/> 8/10 Chance Of \$2.0, 2/10 Chance of \$1.60	<input type="radio"/> 8/10 Chance Of \$3.85, 2/10 Chance of \$0.10
<input type="radio"/> 9/10 Chance Of \$2.0, 1/10 Chance of \$1.60	<input type="radio"/> 9/10 Chance Of \$3.85, 1/10 Chance of \$0.10
<input type="radio"/> 10/10 Chance Of \$2.0, 0/10 Chance of \$1.60	<input type="radio"/> 10/10 Chance Of \$3.85, 0/10 Chance of \$0.10

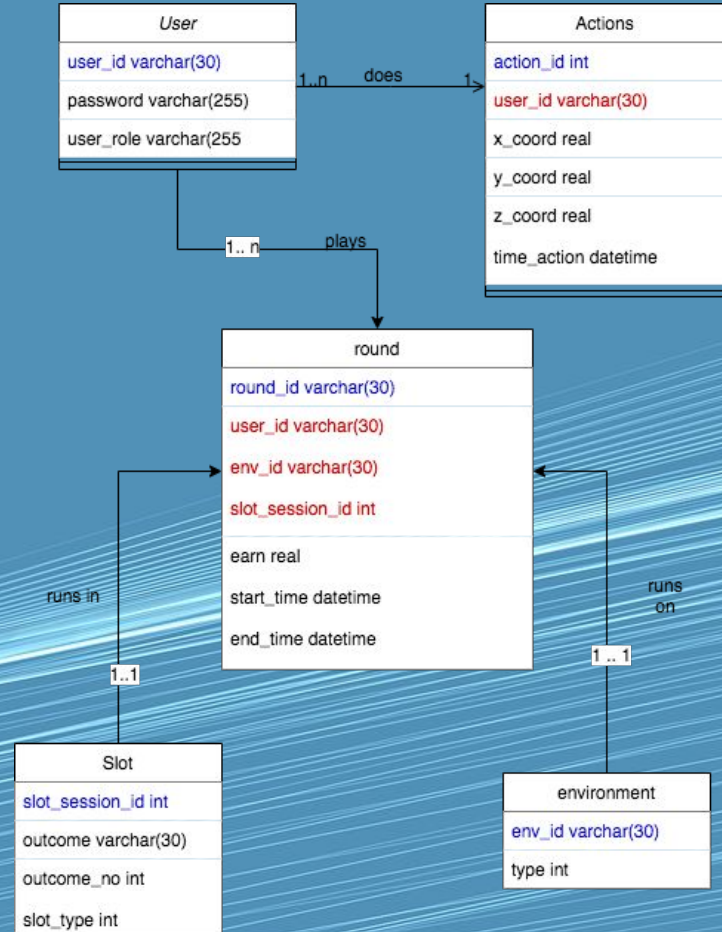
Holt Laury-Selection Process

- When user successfully picks 10 choices and presses OK button, then we show a Thank You page.
- User can close this window and will be brought back to CasinoAdmin page.



Database

- Microsoft SQL Database
- Initiation created in C# and will be integrated into the Admin Portal
- Stores user sessions within the environment
- Will continuously update during VR Session
- Data Exported in Excel files for
 - Per round data: query of round table
 - Summary data: Query of action table



VR 3D-Preview



Multiple Casino Rooms - Scene Change



OUTLOOK

- Player would be sitting or standing? Would teleportation be used?
- Do we want an open space or in-door room environment?
- Audio, World and slot machine feedback
- Visual feedback? Particle effects e.g Fireworks etc.
- Human (playing slots and win) in the background
- UI in VR
- Add Reel Stop Quickly time

Thank you!

- Questions?
- Feedback?
- Extras/To-Do